

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022522\
 Data File : BM034081.D
 Acq On : 25 Feb 2022 17:14
 Operator : CG/JU
 Sample : N1653-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-DUP01-20210223E

Quant Time: Feb 26 04:01:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 26 03:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	129854	20.000	ng	0.00
21) Naphthalene-d8	10.819	136	455902	20.000	ng	# 0.00
39) Acenaphthene-d10	14.636	164	297120	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	651428	20.000	ng	# 0.00
76) Chrysene-d12	21.547	240	736618	20.000	ng	# 0.00
86) Perylene-d12	24.000	264	828559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.554	112	469844	64.500	ng	0.00
7) Phenol-d6	7.154	99	326471	34.130	ng	0.00
23) Nitrobenzene-d5	9.166	82	813317	96.273	ng	0.00
42) 2,4,6-Tribromophenol	16.118	330	664137	184.172	ng	0.00
45) 2-Fluorobiphenyl	13.271	172	2232890	100.124	ng	0.00
79) Terphenyl-d14	19.994	244	3646250	86.196	ng	0.00

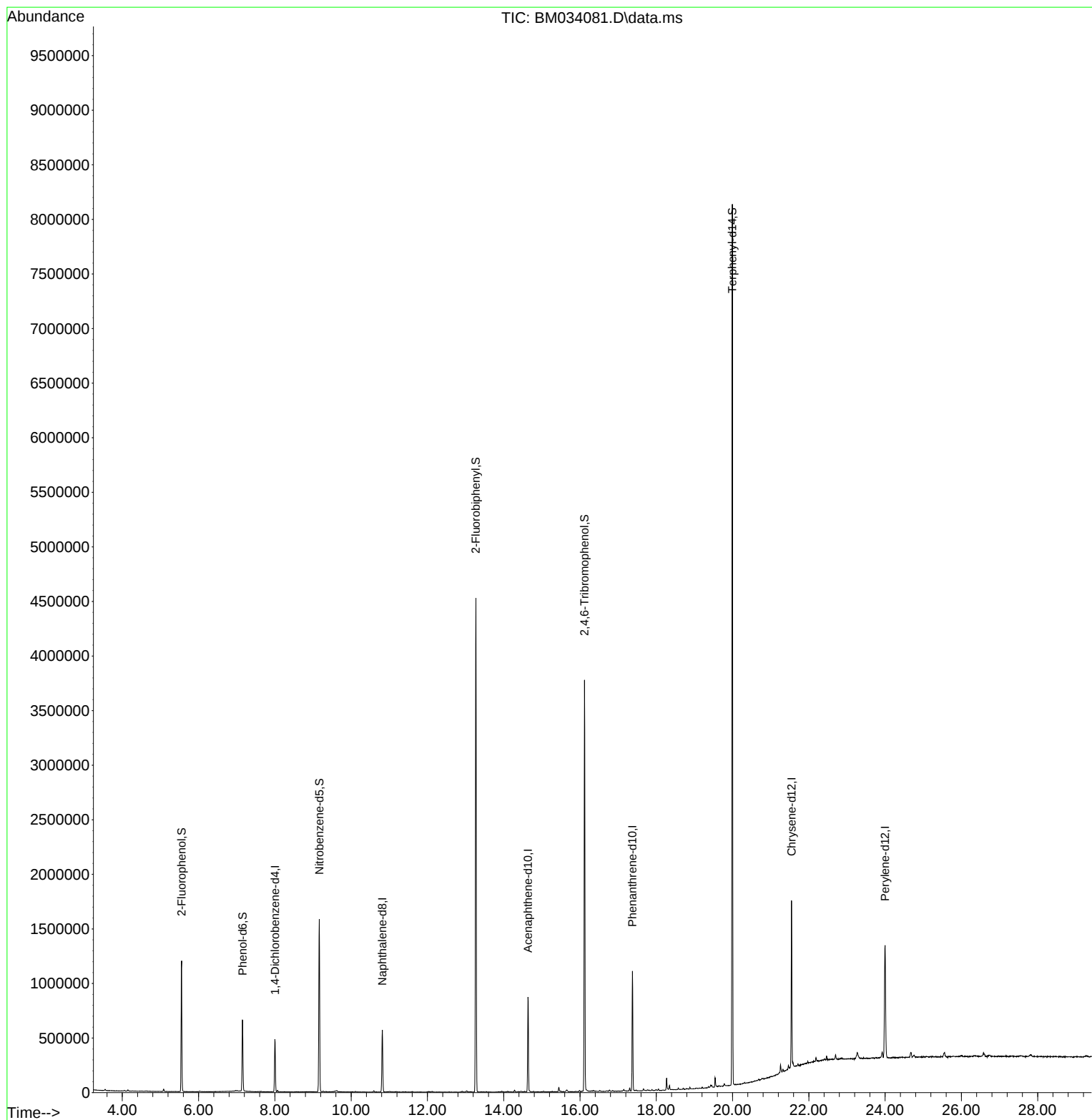
Target Compounds	Qvalue

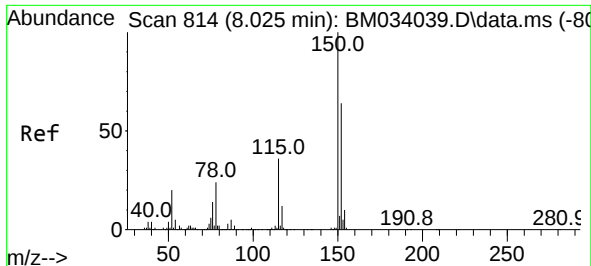
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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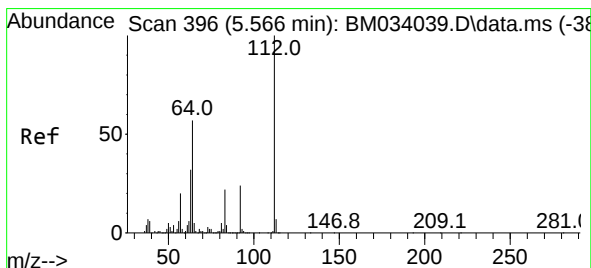
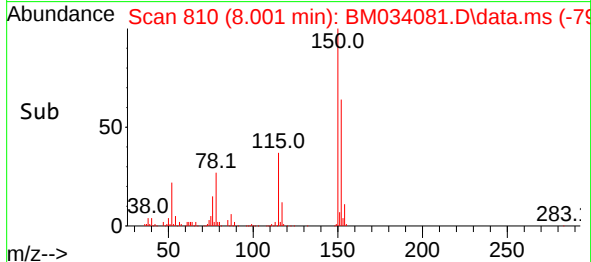
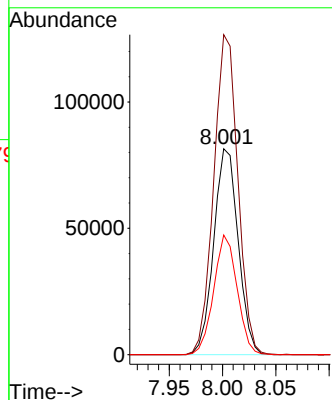
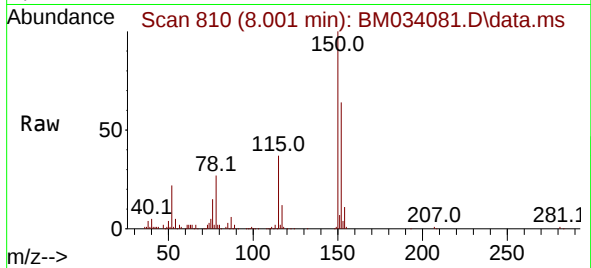




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.001 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM034081.D
Acq: 25 Feb 2022 17:14

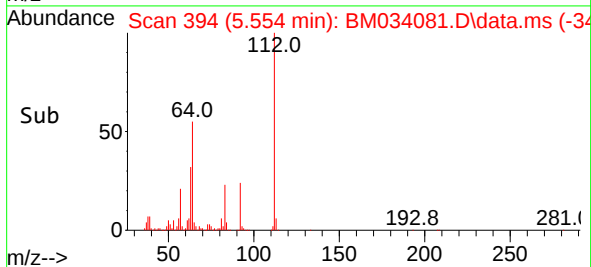
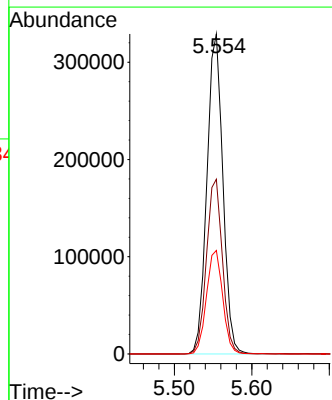
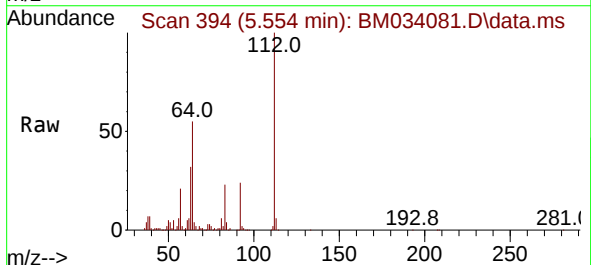
Instrument :
BNA_M
ClientSampleId :
SP-DUP01-20210223E

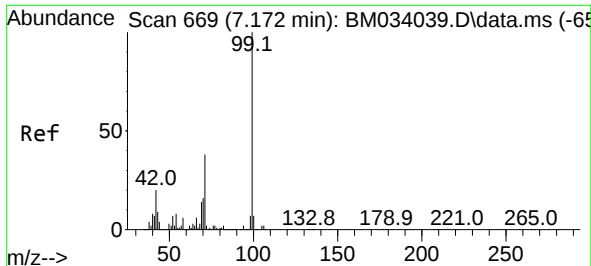
Tgt Ion:152 Resp: 129854
Ion Ratio Lower Upper
152 100
150 155.3 128.9 193.3
115 58.1 53.0 79.6



#5
2-Fluorophenol
Concen: 64.500 ng
RT: 5.554 min Scan# 394
Delta R.T. 0.006 min
Lab File: BM034081.D
Acq: 25 Feb 2022 17:14

Tgt Ion:112 Resp: 469844
Ion Ratio Lower Upper
112 100
64 54.6 55.5 83.3#
63 32.4 31.3 46.9

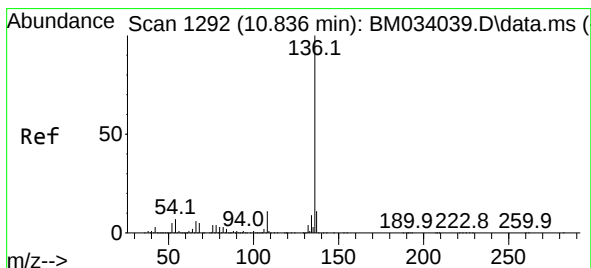
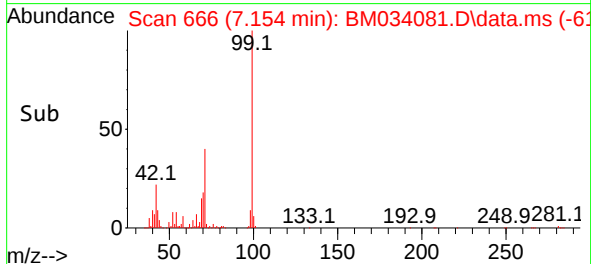
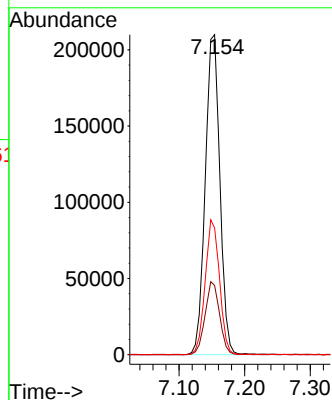
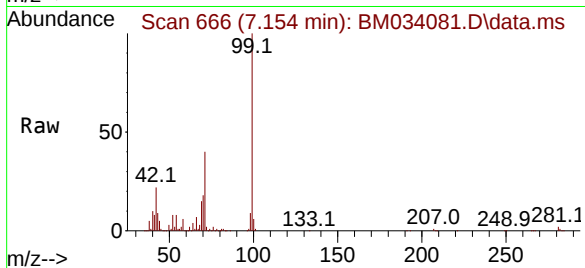




#7
Phenol-d6
Concen: 34.130 ng
RT: 7.154 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034081.D
Acq: 25 Feb 2022 17:14

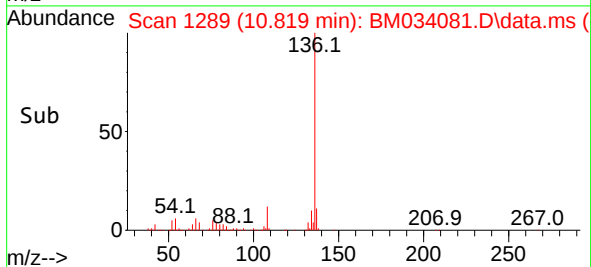
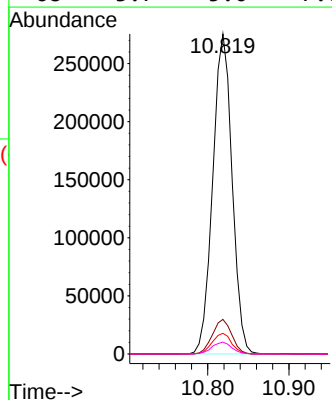
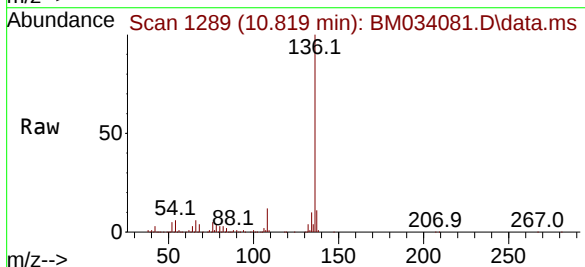
Instrument :
BNA_M
ClientSampleId :
SP-DUP01-20210223E

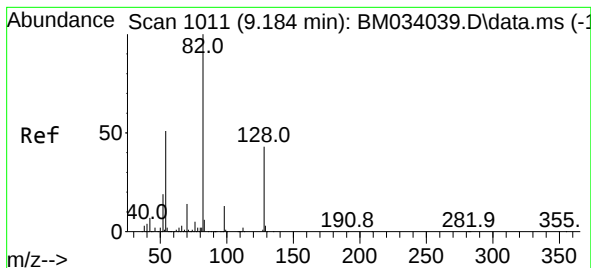
Tgt Ion: 99 Resp: 326471
Ion Ratio Lower Upper
99 100
42 21.6 20.3 30.5
71 39.6 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.819 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM034081.D
Acq: 25 Feb 2022 17:14

Tgt Ion: 136 Resp: 455902
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.5 8.3 12.5#
68 3.7 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 96.273 ng

RT: 9.166 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BM034081.D

Acq: 25 Feb 2022 17:14

Instrument :

BNA_M

ClientSampleId :

SP-DUP01-20210223E

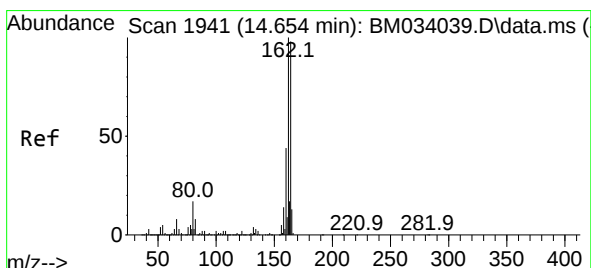
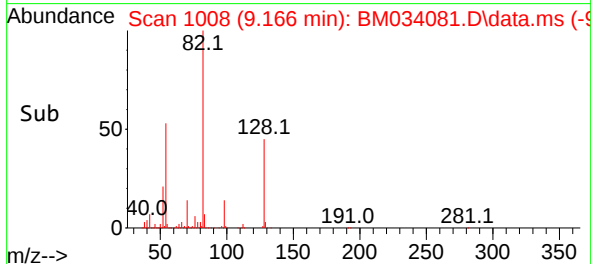
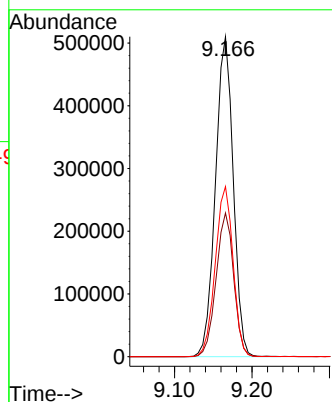
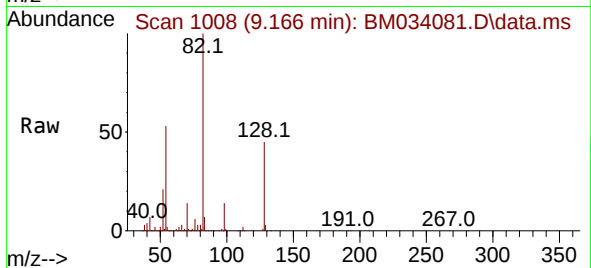
Tgt Ion: 82 Resp: 813317

Ion Ratio Lower Upper

82 100

128 44.9 28.1 42.1#

54 53.2 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.636 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BM034081.D

Acq: 25 Feb 2022 17:14

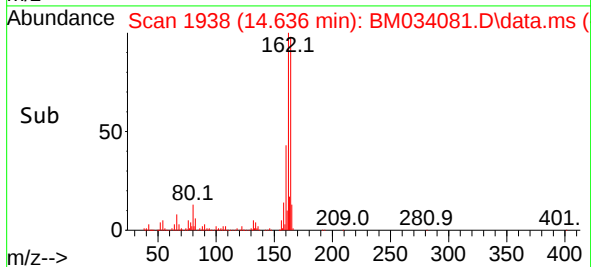
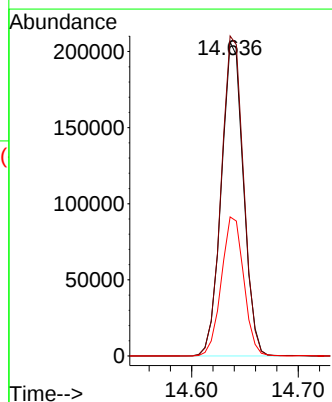
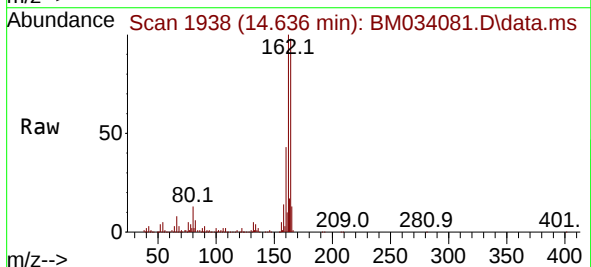
Tgt Ion:164 Resp: 297120

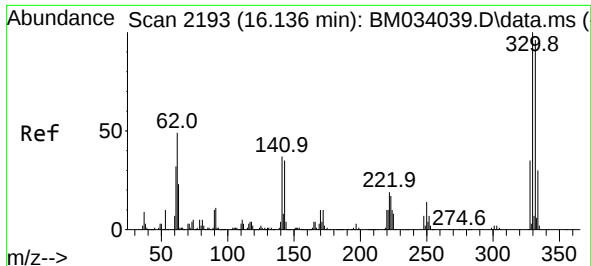
Ion Ratio Lower Upper

164 100

162 102.0 79.7 119.5

160 44.3 34.2 51.4

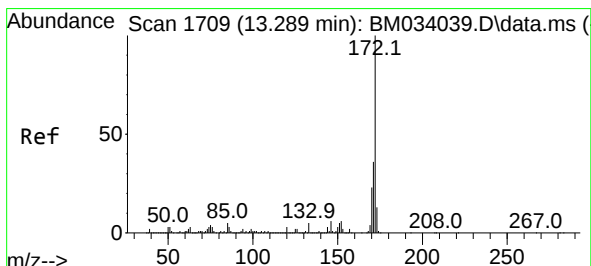
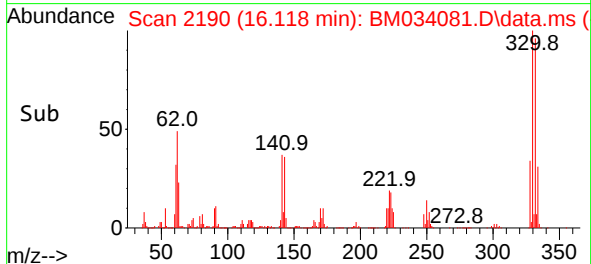
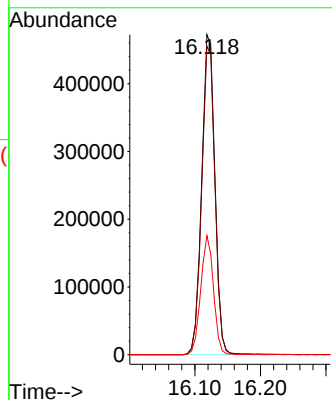
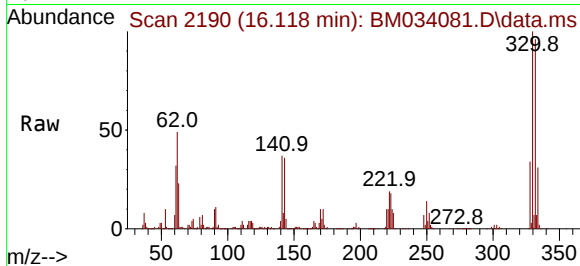




#42
2,4,6-Tribromophenol
Concen: 184.172 ng
RT: 16.118 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM034081.D
Acq: 25 Feb 2022 17:14

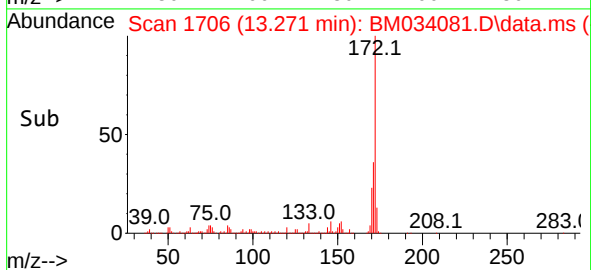
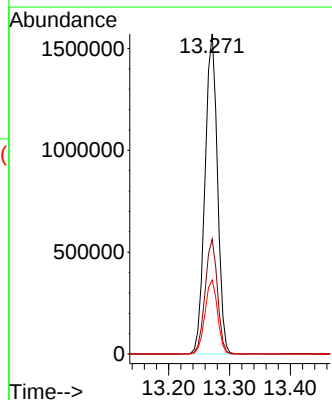
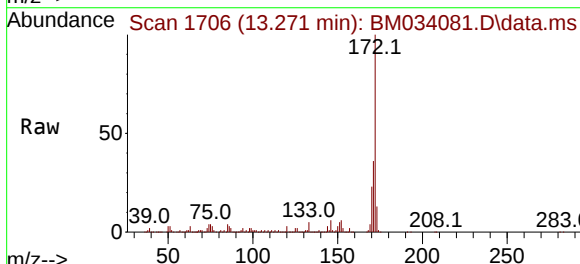
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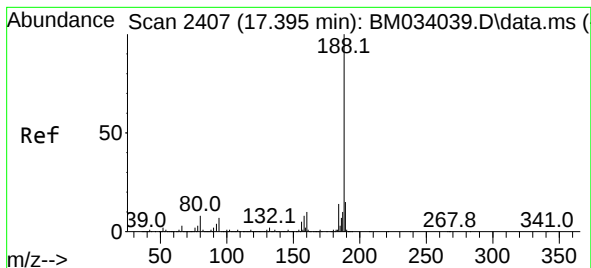
Tgt Ion:330 Resp: 664137
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 35.9 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 100.124 ng
RT: 13.271 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BM034081.D
Acq: 25 Feb 2022 17:14

Tgt Ion:172 Resp: 2232890
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.377 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BM034081.D

Acq: 25 Feb 2022 17:14

Instrument :

BNA_M

ClientSampleId :

SP-DUP01-20210223E

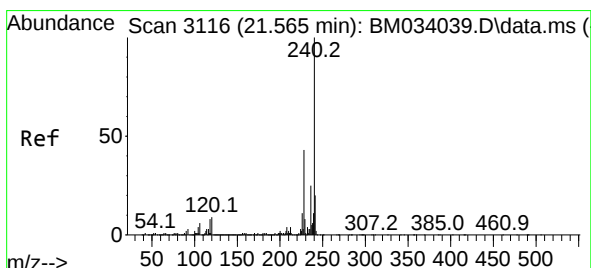
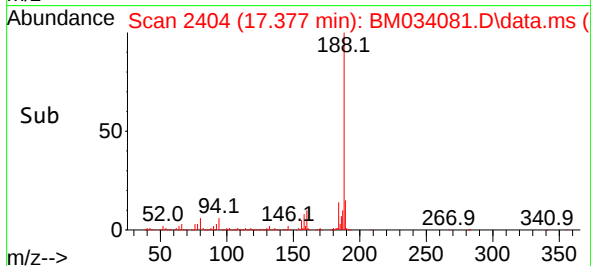
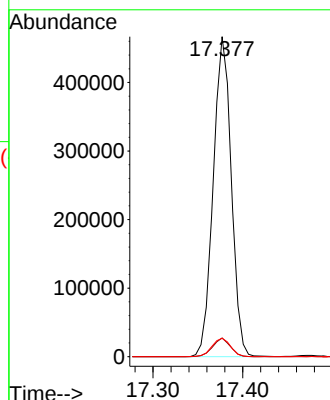
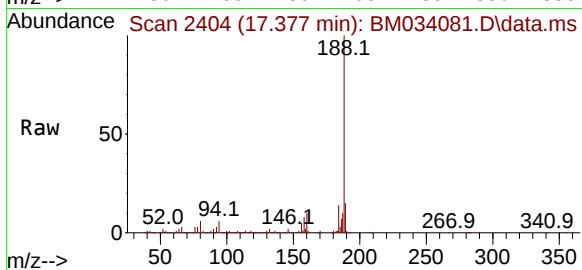
Tgt Ion:188 Resp: 651428

Ion Ratio Lower Upper

188 100

94 5.8 7.5 11.3#

80 5.7 8.9 13.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.547 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM034081.D

Acq: 25 Feb 2022 17:14

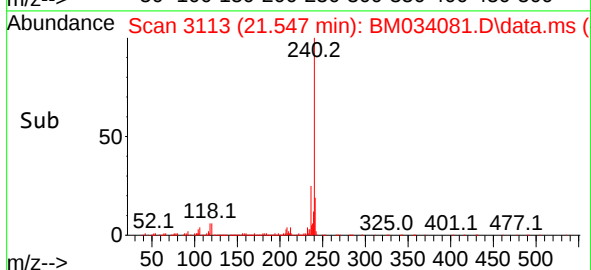
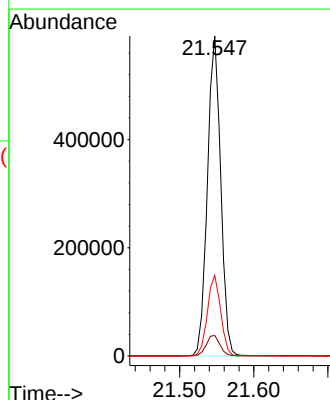
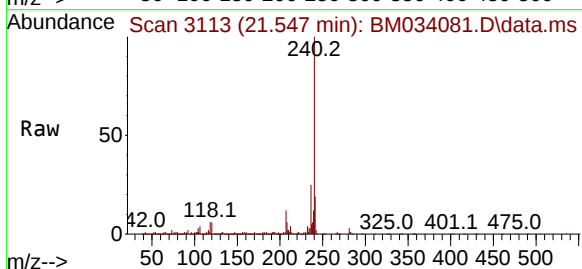
Tgt Ion:240 Resp: 736618

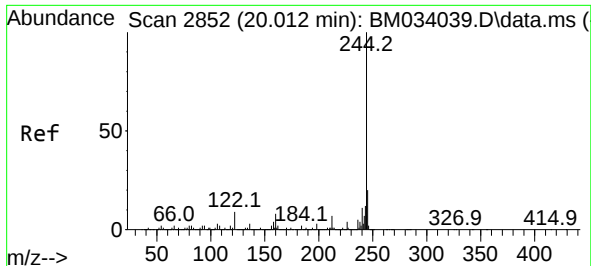
Ion Ratio Lower Upper

240 100

120 6.4 7.8 11.6#

236 25.2 20.3 30.5

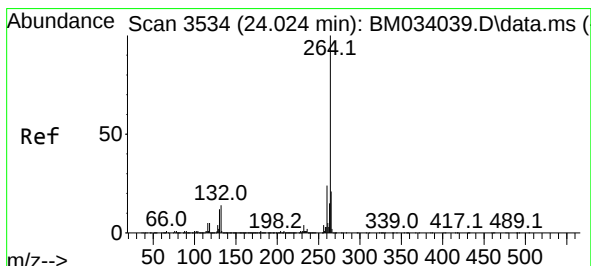
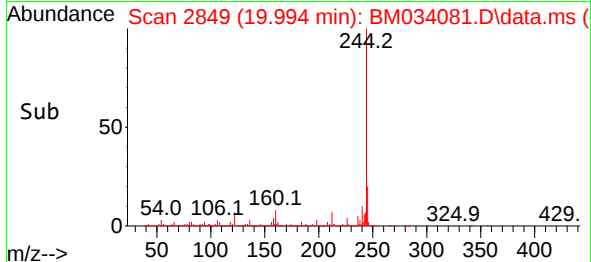
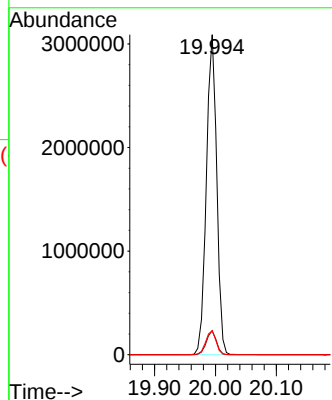
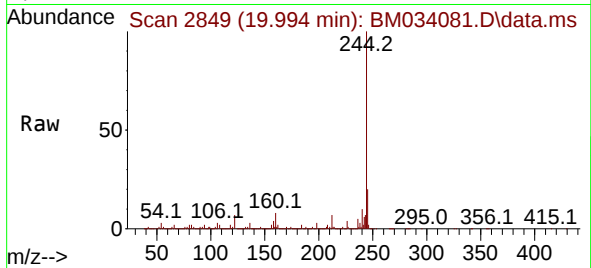




#79
 Terphenyl-d14
 Concen: 86.196 ng
 RT: 19.994 min Scan# 21
 Delta R.T. -0.000 min
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 SP-DUP01-20210223E

Tgt Ion:244 Resp: 3646250
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 7.5 8.4 12.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.000 min Scan# 3530
 Delta R.T. -0.000 min
 Lab File: BM034081.D
 Acq: 25 Feb 2022 17:14

Tgt Ion:264 Resp: 828559
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.7 26.5
 265 21.2 17.7 26.5

